

AMENDMENTS TO THE CLAIMS

Claims 1 to 20 (Cancelled)

21. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:

(a) an isolated polynucleotide encoding a polypeptide comprising amino acids 1 to 387 of SEQ ID NO:2; and

(b) an isolated polynucleotide encoding a polypeptide comprising amino acids 2 to 387 of SEQ ID NO:2.

22. (Previously Presented) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (a).

23. (Currently Amended) The isolated nucleic acid molecule of claim ~~[[33]]~~22, wherein said polynucleotide comprises of nucleotides 58 to 1218 of SEQ ID NO:1.

24. (Previously Presented) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (b).

25. (Currently Amended) The isolated nucleic acid molecule of claim ~~[[35]]~~24, wherein said polynucleotide comprises nucleotides 61 to 1218 of SEQ ID NO:1.

26. (Previously Presented) A recombinant vector comprising the isolated nucleic acid molecule of claim 21.

27. (Previously Presented) An isolated recombinant host cell comprising the vector sequence of claim 26.

28. (Currently Amended) A method of making an isolated polypeptide comprising:

(a) culturing the isolated recombinant host cell of claim 27 under conditions such that said polypeptide a polypeptide comprising either amino acids 1 to 387 of SEQ ID NO:2 or amino acids 2 to 387 of SEQ ID NO:2 is expressed; and

(b) recovering said polypeptide.

29. (Previously Presented) The isolated polynucleotide of claim 21 wherein said nucleic acid sequence further comprises a heterologous nucleic acid sequence.

30. (Previously Presented) The isolated polynucleotide of claim 29 wherein said heterologous nucleic acid sequence encodes a heterologous polypeptide.

31. (Currently Amended) An isolated nucleic acid molecule comprising a polynucleotide having a nucleotide sequence that is at least 98.0% identical to ~~a polynucleotide~~

~~sequence provided in claim 21~~nucleotides 61 to 1218 of SEQ ID NO:1, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

32. (Currently Amended) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide that it as least 97.0% identical to amino acids 2 to 387 of SEQ ID NO:2, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

33. (Previously Presented) An isolated polynucleotide encoding a polypeptide comprising at least 364 contiguous amino acids of SEQ ID NO:2.

34. (Currently Amended) The isolated ~~nucleic acid molecule~~polynucleotide of claim 33, wherein said polynucleotide comprises at least 1092 contiguous nucleotides of SEQ ID NO:1.

35. (Previously Presented) An isolated nucleic acid molecule comprising the cDNA clone contained in plasmid HM74B in ATCC Deposit No. PTA-5853.

36. (Currently Amended) An isolated polynucleotide comprising the complementary sequence of (a) or (b) of Claim ~~[[20]]~~21.